

IN THE ABSTRACT:

Please delete the Abstract of the application and substitute the following Abstract:

Abstract

The present invention relates to a control rod blade for a boiling water reactor. The control rod blade comprises a plurality of channels, which are arranged to receive an absorber material, a free edge portion with a recess, which comprises outlets for said channels, and a cover element, which is arranged to be attached by means of at least one welding operation such that it seals at least a part of said recess. Furthermore, the control rod blade comprises a profile element, which, before said welding operation of the cover element is performed, is arranged to be applied against a bottom surface in the recess in a position such that the profile element covers the outlets of said channels.